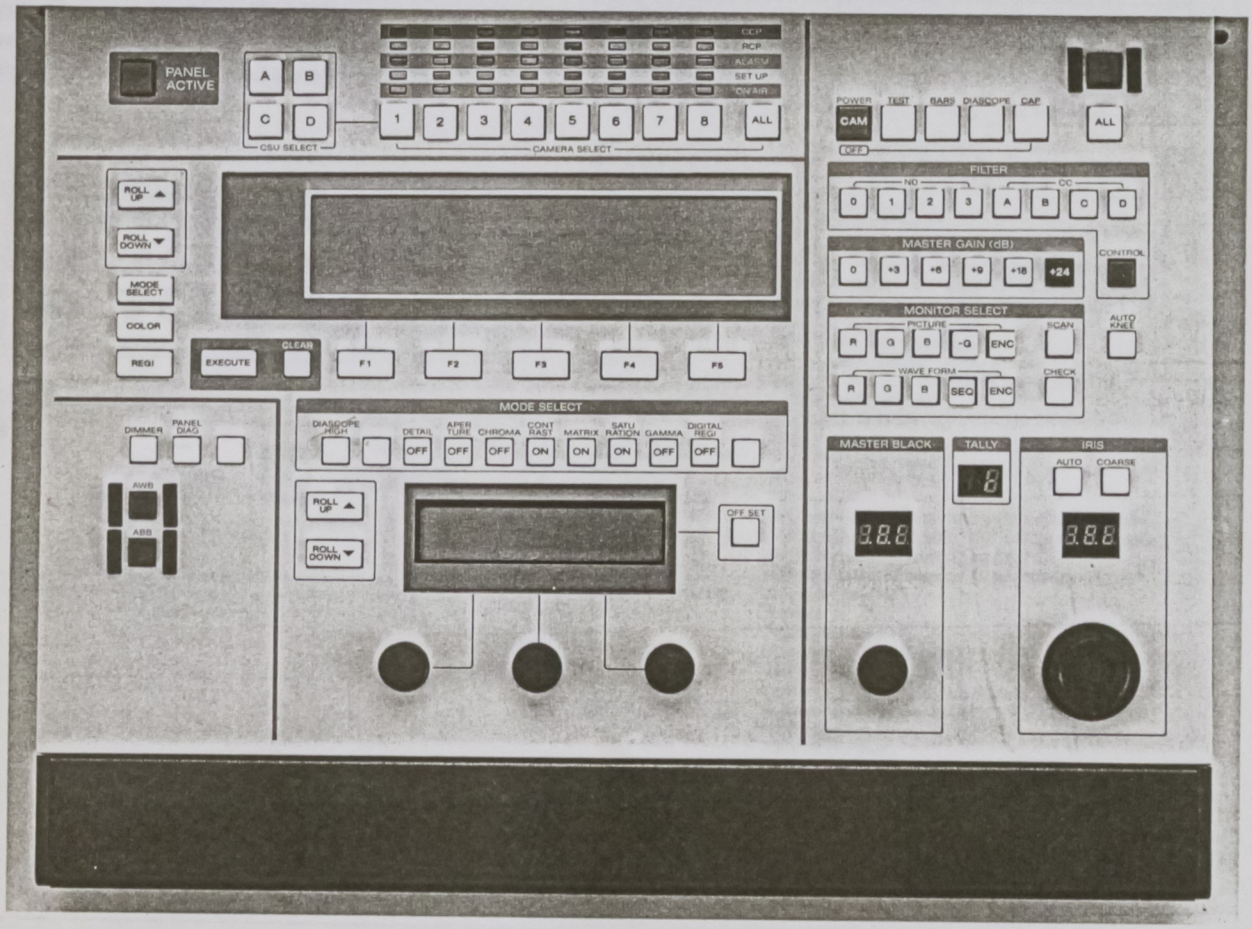
PRELIMINARY

Master Set Up Unit

MSU-360

The MSU-360 is a Master Set Up Unit which has all the control functions required for BVP-360 multiple camera systems.
A centralized control is available for controlling up to 8 cameras, and a Camera Switching Unit is under development which will allow a single MSU-360 to control up to 32 BVP-360/CCU-360 camera systems in four groups of eight.
Remote Control Panels (RCP panels) can be connected to each CCU for video control purposes, if required.
Provided with an RS-232C external interface port, the MSU-360 can be connected with external equipment and will offer the most advanced multiple camera control available in the BVP-360 camera system.



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Features

Multi-camera Control

The MSU-360 can control up to 8 cameras and this capability can be expanded to 32 cameras when using camera switching units.
A most flexible system configuration is assured for versatile multiple camera systems.

External Interface Port via RS-232C

An RS-232C communication port is adopted to provide full remote control of the MSU-360 by external equipment. By using the optional software, a file saving/loading facility is available.

Sophisticated Camera Controls

The well designed control panel of the MSU-360 allows an operator to control all of the functions of the BVP-360 camera system, including a scene file, an individual set up for an auto set up system, and a manual control for digital registration.

Flexible Controllable Software

The controllable functions are flexible and can be defined by software with the LCD display in the center of the panel.

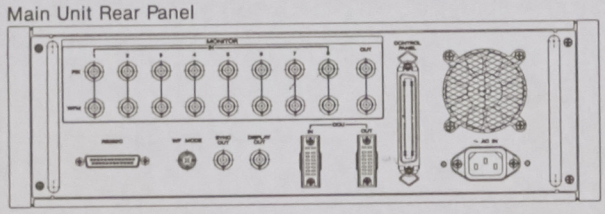
A Separate Drawer Type Control Panel

A drawer type control panel is designed to save space in a OB Van or studio control room.

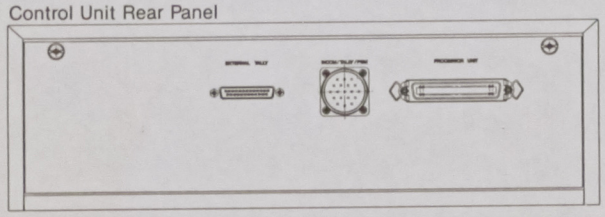
Cable Compensation Facility

In the initial mode, cable compensation is adjustable at the control panel for each video and waveform monitor.

Main Unit Rear Panel



Control Unit Rear Panel



MSU-360 Control Functions

	CCU control panel BKP-3601	MSU-360
Multi-camera control		○
Manual D. reg control		○
Individual set up functions		○
White (RGB)	○	○
Black (RGB)	○	○
Gamma (RGB)	○	○
Flare (RGB)	○	○
Contrast	○	○
Iris	○	○
Master Black	○	○
Detail	○	○
Aperture	○	○
Knee	○	○
Saturation	○	○
Black set (RGB)	○	○
V mod shading (RGB)	○	○
H/V cent (RB)	○	○
H/V size (RB)	○	○
H/V skew (RB)	○	○
Cap	○	○
Test	○	○
Bars	○	○
ND filters	○	○
CC filters	○	○
Master gain	○	○
Detail off	○	○
Contrast on	○	○
Auto knee on	○	○
Aperture off	○	○
D. regi off	○	○
Matrix on	○	○
Gamma off	○	○
Saturation on	○	○
Chroma off	○	○
Setup file function	○	○
Scene file function		○

Specifications

Power requirements:	AC 90 - 264V, 50/60Hz
Power consumption:	50VA
Output signals:	PIX out: 1Vp-p, VBS/VS, 75 ohms, BNC × 1 WFM out: 1/0.7Vp-p, VBS/V, 75 ohms, BNC × 1 Character display out: 1Vp-p, VS, 75 ohms, BNC × 1 Composite sync out: 2.5Vp-p, 75 ohms, BNC × 1 Serial interface: RS-232C × 1 WFM mode: 4-pin connector
Input signals:	PIX in: 1Vp-p, VBS/VS, 75 ohms × 8 WFM in: 1/0.7Vp-p, VBS/VS, 75 ohms, BNC × 8
Cable compensation:	0 to 300 meters/5C2V ±0.5dB up to 5MHz
Intercom/PGM:	19-pin multiconnector
CCU interface:	16-pin multiconnector × 2
Panel interface:	50-pin multiconnector × 1
Operating temperature:	0°C to 45°C
Dimensions:	MSU main unit: Approx. 483 × 133 × 400mm (w/h/d) Control panel unit: Approx. 483 × 133 × 400mm (w/h/d)
Weight:	MSU main unit: Approx. 13 kg (28.7 lb) Control panel unit: Approx. 12 kg (26.5 lb)
Supplied accessories:	AC power cord × 1 Fuse × 1 Extension board × 2 Multi Cable (MSU panel) × 1 Intercom connector × 1 Operation and maintenance manual
Optional accessories:	Software package for host PC MSU extension unit Rack mount metal CCA-2-30 Cable (MSU and CCU)

Design and specifications are subject to change without notice.

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